

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-31-85							
Company El Paso Natural Gas				Connection							
Pool So. Blanco				Formation Pictured Cliffs							
Completion Date 10-31-85		Total Depth 2560		Plug Back TD 2548							
				Elevation 6248 GR							
Csg. Size 2.875		ID 6.4		Set At 2.441 2560							
Teg. Size		Set At		Perforations: From 2426 To 2500							
Tubingless Completion		Set At		Perforations: From To							
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None							
Producing Thru Csg.		Reservoir Temp. *F a		Mean Annual Temp. *F							
				Baro. Press. - P _a 12							
L		H		Cg							
				% CO ₂							
				% N ₂							
				% H ₂ S							
				Prover							
				Meter Run							
				Taps							
FLOW DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. *F	Press. p.s.i.g.	Temp. *F	Press. p.s.i.g.	Temp. *F	Duration of Flow
SI									738		17 Days
1.											
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd				
1											
2											
3											
4											
5											
NO.	P _r	Temp. *R	T _r	Z	RECEIVED NOV 01 1985 OIL CON. DIV. DIST. 3						
1					Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.						
2					A.P.I. Gravity of Liquid Hydrocarbon _____ Deg.						
3					Specific Gravity Separator Gas _____						
4					Specific Gravity Flowing Fluid _____						
5					Critical Pressure _____ P.S.I.A.						
					Critical Temperature _____ R						
NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$ _____						
1					(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____						
2											
3											
4					ACF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____						
5											
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope @ _____		Slope, n _____				
Remarks: _____											
Approved by Commission:		Conducted By: Ernie Minert		Calculated By: Ed Mabe		Checked By: kld					